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AP - JP19900276028 19901015

CPY - TAIS

DC - C03

FS - CPI

IC - A01N31/04 ; A01N35/02 ; A01N37/10

MC - C10-D02 C10-E04B C10-G02 C12-B04

M2 - [01] G010 G100 H401 H481 H7 H721 J011 J271 J471 M210 M211 M212 M262  
M272 M280 M281 M312 M313 M315 M321 M331 M332 M342 M372 M373 M391 M414  
M431 M510 M520 M531 M540 M781 M782 M903 M904 P331; 9227-67101-M  
9227-67101-U

PA - (TAIS ) TAISHO PHARM CO LTD

PN - JP4149103 A 19920522 DW199227 A01N31/04 004pp

PR - JP19900276028 19901015

XA - C1992-100838

XIC - A01N-031/04 ; A01N-035/02 ; A01N-037/10

AB - J04149103 Compsn. contains, as (an) active component(s), at least one of the following cpd. ethyl cinnamate, methyl cinnamate, cinnamic alcohol, cinnamyl acetate, and/or alpha-n-hexylcinnamyl aldehyde.

- ADVANTAGE - Compsn. shows a good acaricidal activity against indoor dust mites, with very low toxicity to humans and domestic animals.

- In an example a sheet of filter paper was impregnated with 0.5 ml of acetone soln. of each of the five active cpd. that can compose the acaricidal compsn. at a fixed concn. of 0.2 or 0.5 g/m<sup>2</sup>. After removing the solvent, 50 adult mites of *Tyrophagus putrescentiae* were placed on the filter paper. The filter paper was then folded twice and its three sides were fixed with a clip. Then, the filter paper was placed under a condition of 25 deg.C and 80% R.H. In 24 hrs., the mites were observed to see survival or death. All the five active cpd. showed 100% control of mites at 0.5 g/m<sup>2</sup>; and the cpd. showed 68.8-100% acaricidal effects at 0.2 g/m<sup>2</sup>. (Dwg.0/0)

AW - METHYL

AKW - METHYL

CN - 9227-67101-M 9227-67101-U

IW - ACARID COMPOSITION CONTROL INDOOR DUST MITE CONTAIN ETHYL CINNAMIC  
ALCOHOL CINNAMYL ACETATE SUBSTITUTE CINNAMALDEHYDEIKW - ACARID COMPOSITION CONTROL INDOOR DUST MITE CONTAIN ETHYL CINNAMIC  
ALCOHOL CINNAMYL ACETATE SUBSTITUTE CINNAMALDEHYDE

NC - 001

OPD - 1990-10-15

ORD - 1992-05-22

PAW - (TAIS ) TAISHO PHARM CO LTD

TI - Acaricidal compsn. to control indoor dust mites - contains (m)ethyl cinnamates, cinnamic alcohol, cinnamyl acetate and/or substd. cinnamaldehyde